	INTERNATIONAL SEARCH R	EPORT	PCT/IB 03/06213		
A. CLASS IPC 7	G11B7/095 1B7/135				
B. FIELDS	io International Patent Classification (IPC) or to both national classi S SEARCHED				
IPC 7	ocumentation searched (classification system followed by classific ${\tt G11B}$	ation symbols)			
Documenta	ttion searched other than minimum documentation to the extent tha	t such documents are incli	uded in the fields searched		
	data base consulted during the International search (name of data in PO-Internal, WPI Data	base and, where practical	search terms used)		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the r	elevant passages	Relevant to claim No.		
А	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 06, 22 September 2000 (2000-09-22) -& JP 2000 076679 A (RICOH CO LT 14 March 2000 (2000-03-14) cited in the application abstract	1-6			
A	WO 02/21522 A (KONINKL PHILIPS E NV) 14 March 2002 (2002-03-14) cited in the application page 10, line 13 -page 12, line abstract	1-6			
А	EP 0 357 323 A (SHARP KK) 7 March 1990 (1990-03-07) abstract; figure 1	-/	1,4		
X Furth	er documents are listed in the continuation of box C.	χ Patent family m	embers are ilsted in annex.		
"A" documer consider of filing de "L" documer which is citation "O" documer other m "P" documer later the	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another or other special reason (as specified) nt referring to an oral disclosure, use, exhibition or leans nt published prior to the international filing date but an the priority date claimed	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family 			
	ctual completion of the international search	Date of mailing of the	e international search report		
	April 2004	07/05/20	04		
rianie and mi	ailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Lehnberg	, C		

Lehnberg, C

INTERNATIONAL SEARCH REPORT

PCT/IB 03/06213

	PCT/IB 03	3/06213			
	ction) DOCUMENTS CON DERED TO BE RELEVANT	Relevant to claim No.			
Category °	Citation of document, what ation, where appropriate, of the relevant passages	Relevant to claim No.			
A	US 5 636 190 A (CHOI YANG-OH) 3 June 1997 (1997-06-03) column 1, line 65 -column 2, line 63; figure 3 abstract	1,4			
		·			
		<u>1</u> 2			

INTERNATIONAL SEARCH REPORT

PCT/IB 03/06213

	- ` `———					-,
Patent document cited in search report		Publication date	1	Patent family member(s)		Publication date
JP 2000076679	A	14-03-2000	US US	2003151999 6545958		14-08-2003 08-04-2003
WO 0221522	A	14-03-2002	CN WO EP US	1394335 0221522 1320851 2002118427	A1 A1	29-01-2003 14-03-2002 25-06-2003 29-08-2002
EP 0357323	Α	07-03-1990	JP JP DE DE EP US	2018571 2068734 7058559 68916342 68916342 0357323 5065380	A B D1 T2 A2	19-02-1996 08-03-1990 21-06-1995 28-07-1994 15-12-1994 07-03-1990 12-11-1991
US 5636190	A	03-06-1997	KR JP JP	171076 2854264 7311973	B2	15-04-1999 03-02-1999 28-11-1995